

Title (en)

COMPONENTS, SYSTEMS AND METHODS OF BICYCLE-BASED NETWORK CONNECTIVITY AND METHODS FOR CONTROLLING A BICYCLE HAVING NETWORK CONNECTIVITY

Title (de)

KOMPONENTEN, SYSTEME UND VERFAHREN ZUR FAHRRADBASIERTEN NETZWERKKONNEKTIVITÄT UND VERFAHREN ZUR STEUERUNG EINES FAHRRADS MIT NETZWERKANSCHLUSS

Title (fr)

COMPOSANTS, SYSTÈMES ET PROCÉDÉS DE CONNECTIVITÉ DE RÉSEAU POUR BICYCLETTE ET PROCÉDÉS POUR COMMANDER UNE BICYCLETTE PRÉSENTANT UNE CONNECTIVITÉ DE RÉSEAU

Publication

**EP 3392128 A1 20181024 (EN)**

Application

**EP 18168606 A 20180420**

Priority

US 201715494356 A 20170421

Abstract (en)

A bicycle configurable for operating using a speed based control system and scheme or a torque based control system and scheme. A speed sensor or a torque sensor may detect an operating characteristic of the bicycle and a controller may determine whether to operate using a speed based control system and scheme or a torque based control system and scheme based on the operating characteristic. A signal from a speed sensor or a torque sensor may be used for determining the mechanical limits of a CVT range and when to incorporate an electric motor.

IPC 8 full level

**B62M 6/45** (2010.01); **B62M 25/08** (2006.01)

CPC (source: EP)

**B62M 6/45** (2013.01); **B62M 25/08** (2013.01)

Citation (search report)

- [X] WO 2016022553 A1 20160211 - FALLBROOK IP CO LLC [US]
- [X] WO 2016079620 A1 20160526 - VANHAWKS INC [CA]

Cited by

EP4025487A4; US2024034427A1; EP3694184A1; US11941922B2; WO2023280743A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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